

HABS  
TENN,  
32-NOET  
15.

# HISTORIC AMERICAN BUILDINGS SURVEY

## INDEX TO PHOTOGRAPHS

Caleb Crosby Threshing Barn  
Noeton  
Morristown vicinity  
Hamblen County  
Tennessee

HABS No. TN-159-A

Photocopies of 1941 photographs by Charles S. Grossman\*

TN-159-A-1	VIEW FROM SOUTHWEST
TN-159-A-2	EAST SIDE
TN-159-A-3	SOUTH SIDE
TN-159-A-4	EAST ENTRY DOOR, VIEW FROM EAST
TN-159-A-5	DETAIL OF EAST ENTRY DOOR
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TN-159-A-7	DISMANTLING OF BARN, FROM SOUTHEAST
TN-159-A-8	DETAIL OF EAST RAMP BETWEEN COLUMNS FIVE AND NINE**
TN-159-A-9	DETAIL OF FOUNDATIONS OF WEST RAMP BETWEEN COLUMNS EIGHT AND TWELVE
TN-159-A-10	DETAILS OF WEST SILL AND JOISTS, SHOWING JOINTING OF TYPICAL JOISTS AT LEFT AND DOVE-TAIL JOINT ON CENTER JOISTS, ENTRY BAY

\* Mr. Edward L. Trout, Historian, Great Smoky Mountains National Park, has identified this group of photographs as those taken by Mr. Charles S. Grossman as a part of the documentation during dismantling of the barn. The captions, supplied by Mr. Trout, were written by Mr. Grossman. Mr. Trout described the timber framing and mill righting as distinguished, and pointed out the complex and beautifully executed joints, and the chamfered posts. The Caleb Crosby barn was originally located in Noeton, about sixteen miles from Morristown in Hamblen County, Tennessee. Noeton was flooded by the impoundment of the Norris Dam in 1936. Prior to the impoundment, the barn had been disassembled by the National Park Service and stored. In 1974 the barn was given to the State of Tennessee on a permanent loan basis by the National Park Service to be located at the W.G. Lenoir Agricultural Museum at the Norris Dam State Park, Lake City, Anderson County, Tennessee. It has now been reconstructed and is open to the public.

\*\*For column numbering, see the Ground Floor Framing Plan (Sheet 1), and the note on page 3 of the Index to Photographs.

TN-159A-11	DETAIL OF FOUNDATIONS OF COLUMNS SIXTEEN AND TWENTY
TN-159A-12	DETAIL OF COLUMNS TWELVE AND EIGHT
TN-159A-13	DETAIL OF FOUNDATIONS AT COLUMNS THREE AND FOUR
TN-159A-14	DETAIL OF FOUNDATIONS FOR EAST RAMP BETWEEN COLUMNS FIVE AND NINE
TN-159A-15	DETAIL OF COLUMN TWENTY-FIVE AND FOOTING FROM SOUTHEAST
TN-159A-16	DETAIL OF COLUMN EIGHTEEN FROM SOUTHEAST
TN-159A-17	DETAIL OF COLUMN ELEVEN FROM SOUTHEAST
TN-159A-18	DETAIL OF SILL AND FLOOR JOIST AT COLUMN SIXTEEN
TN-159A-19	DETAIL OF COLUMN ELEVEN FROM SOUTHEAST
TN-159A-20	MEMBER "A" SHOWS TENON AS USED IN POST "A" (TN-159A-19), MEMBER "B" IS BEAM "B" IN TN-159A-19 AND SHOWS METHOD OF JOINING THESE MEMBERS. MEMBER "C" SHOWS MORTISE IN BEAM "B".
TN-159A-21	DISMANTLING BARN, REMOVING POSTS FROM SILL, DECEMBER 15, 1941.
TN-159A-22	DETAIL OF BEAM AT COLUMN NINE (TN-159A-14), SHOWING BOTTOM SIDE OF BEAM AND JOINT
TN-159A-23	DETAIL OF COLUMN TWENTY-ONE, SHOWING TENONS AT PLATE
TN-159A-24	DETAIL OF COLUMN TWENTY-ONE, SHOWING TENONS AT PLATE
TN-159A-25	DETAIL OF FOUNDATIONS AT COLUMNS FOURTEEN AND EIGHTEEN, VIEW LOOKING EAST
TN-159A-26	KING GEAR AND DRIVE SHAFT
TN-159A-27	DETAIL OF KING GEAR UNDER CEILING BEAM, SHAFT AND BEARING
TN-159A-28	DETAIL OF KING GEAR
TN-159A-29	DETAIL OF KING AND PINION GEARS
TN-159A-30	DETAIL OF GEAR INSIDE BARN

TN-159A-31	DETAIL OF GEARS FROM NORTH, RIM OF KING GEAR IN UPPER RIGHT CORNER
TN-159A-32	DETAIL OF GEARS LOOKING NORTH WITH SHEATHING REMOVED AND SHAFT OF KING GEAR BEYOND
TN-159A-33	DETAIL OF MAIN SHAFT BEARING
TN-159A-34	DETAIL OF FOOTING COLUMN TWENTY-SEVEN, VIEW FROM NORTH
TN-159A-35	DETAIL OF FOOTING COLUMN TWENTY-EIGHT, VIEW FROM WEST
TN-159A-36	DETAIL OF FOOTING COLUMN TWENTY-FOUR, VIEW FROM WEST

Note: The photographs were taken at the time the barn was dismantled in 1941. The drawings, drafted by Charles S. Grossman at the time, depict the barn at earlier periods. The original barn is shown in the elevations dated c. 1830 (sheets 5 and 6). Columns one through twenty are found in this area (sheet 1). The adjacent area described by columns twenty-one through twenty-eight supports the section of the barn which contained the shaft and the horses which turned the shaft. The majority of the drawings describe the barn at a period estimated to be just pre-1900 when the 1830 barn had been enclosed by an outer barn composed of sixteen additional, unnumbered columns. The partially enclosed area sheltering the shaft turned by the horses can be seen at the north end of the barn. By the time the photographs were taken, this area had also been enclosed, changes had been made in the roof, and the exterior surfaces of the barn had deteriorated.

Note: In addition to the drawings included as reduced copies which accompany TN-159A, there are four unfinished drawings, showing shafts and gears, which are included as Field Records.